Having described the invention, the following is claimed:

1. An injection lance for use in a metallurgical operation, the injection lance comprising:

at least one body section having a first center pipe and a first refractory shell surrounding the first center pipe;

an end section having a second center pipe and a second refractory shell, said end section joined to at least one of said body sections, wherein at least a portion of at least one of the first and second refractory shells is formed of a refractory composition that is isopressed.

- 2. An injection lance according to claim 1, wherein said refractory composition includes carbon.
- 3. An injection lance according to claim 2, wherein said carbon is 1% to 25% of said refractory composition, by weight.
- 4. An injection lance according to claim 2, wherein said carbon is selected form the group consisting of: carbon black, graphite, silicon carbide, powdered pitches and combinations thereof.
- 5. An injection lance according to claim 1, wherein said refractory composition includes a refractory material selected from the group consisting of: alumina (Al₂O₃), magnesium oxide (MgO), silica (SiO₂), zirconium oxide (ZrO₂), spinel (MgO·Al₂O₃) and combinations thereof.
- 6. An injection lance according to claim 5, wherein said refractory material is 65% to 99% of said refractory composition, by weight.
- 7. An injection lance according to claim 5, wherein said alumina is selected from the group consisting of: tabular alumina, white fused alumina, brown fused alumina, bauxite and combinations thereof.

- 8. An injection lance according to claim 1, wherein said refractory composition includes an antioxidant.
- 9. An injection lance according to claim 8, wherein said antioxidant is 0% to 15% of said refractory composition, by weight.
- 10. An injection lance according to claim 8, wherein said antioxidant is selected from the group consisting of: magnesium, aluminum, silicon, boron carbide, elemental boron, other boron-containing compounds, and combinations thereof.
- 11. An injection lance according to claim 1, wherein said refractory composition includes a resin binder.
- 12. An injection lance according to claim 11, wherein said resin binder is selected from the group consisting of: phenolic resin, resorcinol-formaldehyde resin, epoxy resin, polyvinyl chloride, furan resins, urea-formaldehyde resins, polyurethane resins, silicone resins, polyacrylic resins, vinylacetate resins, polyamine resins, polybutadiene resins and combinations thereof.
- 13. An injection lance according to claim 1, wherein said refractory composition includes an additive selected from the group consisting of: metallic and non-oxide powders and aggregates, and metal, organic and carbon fibers.
- 14. An injection lance according to claim 1, wherein said injection lance includes a plurality of body sections, wherein said plurality of body sections are joined together.
- 15. An injection lance according to claim 1, wherein said end section includes a nozzle assembly comprising a porous nozzle tip.
- 16. An injection lance according to claim 15, wherein said nozzle assembly further comprises a pipe extending from said porous nozzle tip, said second center pipe dimensioned to receive said pipe.

- 17. An injection lance according to claim 15, wherein said end section includes a plurality of rods radially disposed around said second center pipe, each said rod including a portion spaced from said second center pipe, said rods dimensioned to capture said porous nozzle tip.
- 18. An injection lance according to claim 1, wherein said end section has an opening defining an open-ended tip.
- 19. An injection lance according to claim 1, wherein at least a portion of at least one of the first and second refractory shells is formed of a castable refractory material.